Attorney Docket No. AGZP:115US

U.S. Patent Application No. 10/709,189

Reply to Office Action of September 6, 2006

Date: March 2, 2006

**Current Status of the Claims** 

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1-5. (cancelled)

6. (withdrawn) Method to obtain folded and/or interfolded sheets of paper and similar products

by feeding and moving a sheet or web of paper or similar products in a folding and/or

interfolding machine up a couple of folding counter rotating rollers, said rollers being suitable

for cooperating at a contact line for making a stack of interfolded and/or folded sheets in a

folding area located downstream of said contact line characterised in that said folding rollers are

held by a support spaced from said contact line without impeding folding operations in said

folding area.

7. (new) A pair of counter rotating folding rollers for use in machines for converting paper or

similar products, each of said pair of counter rotating folding rollers comprising at least one

substantially cylindrical body and a plurality of folding means, wherein said pair of folding

rollers interact at a contact line to produce a stack of folded and/or interfolded sheets

downstream from said contact line characterised in that at least one support spaced from said

contact line is provided for each of said pair of folding rollers in order not to impede folding

operations in said folding area and wherein each of said pair of counter rotating folding rollers

further comprises a gap for contacting said at least one support wherein said gap is located at the

end of or between said plurality of folding means.

8. (new) The pair of counter rotating folding rollers according to Claim 7, wherein between said

at least one support and said supported folding roller a bearing is provided suitable for allowing a

free rotation of said supported folding roller with respect to said at least one support.

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9. (new) The pair of counter rotating folding rollers according to Claim 7, wherein said each of

said pair of counter rotating folding rollers comprises at least a first and a second cylindrical

body wherein one end of each of said first and second cylindrical bodies are coaxial to each other

and operatively connected to each other along the cylindrical axes of said first and second

cylindrical bodies so that they can rotate integrally.

10. (new) The pair of counter rotating folding rollers according to Claim 9, wherein at least one

of said at least one support for each of said pair of folding rollers further comprises a relative

bearing arranged to contact said folding roller at said operatively connected ends.

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